

From: [Thomas, Mark J.](#)
To: [Martin, John](#); [Brescia, Nicolas](#)
Subject: FW: Hurricane Harvey -- ASPECT Update -- 28 August 2017
Date: Tuesday, August 29, 2017 8:03:48 AM

Please see below concerning the TFR

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From: Beorn Leger [mailto:beornleger@airborneaspect.com]
Sent: Tuesday, August 29, 2017 7:45 AM
To: Thomas, Mark J. <Thomas.Markj@epa.gov>
Subject: Re: Hurricane Harvey -- ASPECT Update -- 28 August 2017

Major Rouse
512-782-1309 or
512-782-1310
Small TFR as of right now...
it's over Rosenberg,
going to be expanded
We are coordinating with the FAA and major Rouse on entry to the larger TFR when it goes into effect

Sent from my iPhone

On Aug 28, 2017, at 9:07 PM, Thomas, Mark J. <Thomas.Markj@epa.gov> wrote:

Team,

Harvey is beginning to act a bit normal. Today the storm backed out partially into the gulf which had the effect of pumping gas into the storm complex. While the maximum winds are currently only clocked at about 45 miles per hour, there is still plenty of vorticity left in the storm to allow the circulation to push additional moisture ashore. Houston has already had 50 inches of rain and it appears that the area may get an additional 8 inches. It is amazing what a little rotation due to the Coriolis force, the magic of warm gulf water (water vapor) and the pressure gradient with altitude can do. Toss these together and you get a serious rain making machine.

Rotation is now showing up again at the 500 mb level indicating that the storm still has a lot of energy. Winds at the jet stream level (250 mb) are beginning to increase with 50 knot winds shown over St Charles, LA from the SW. The storm is now forecasted to be east of Houston on Wednesday and then exit the area toward the NE on Thursday. This motion is the result of upper air steering winds finally moving this thing out of the area.

In regards to our mission, we are on an imminent call out from now until Monday. In other words I have no idea. HQ is fully spinning a turbines and ready for ?????? Based on discussions with the Region we can expect Friday out to Monday. I can confirm that we are in mission assignment #2 which is in progress. The expectation is we will recon for chemical releases and photo-document damage. I expect a repeat of Ike which will mean photographing every water/waste water treatment plant from Corpus Christi to LA. USGS is advertising their products which are largely pictures of cloud tops (satellite). I have not heard of any releases other than small oil tank stuff, but if something big should happen we will likely need to roll. Accordingly, please be ready for my off handed comment of Monday should not be taken as an official forecast.

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